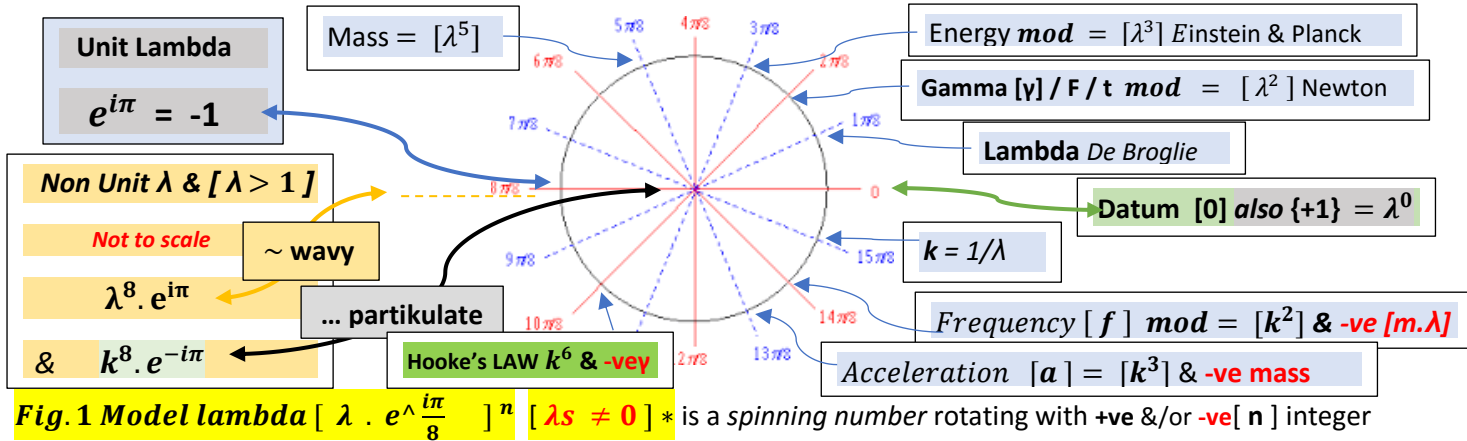


Λ - Model for Physical Systems in Nature:

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From datum [0] at $(n=0)$ r.h.s., thus $\left[\lambda . e^{i\pi/8} \right]^0 = [\lambda^0 . e^0] = [1.1] = 1^2 = \text{Unity modulus}$,

to $\{n \rightarrow \infty\}$? capped here at $(n = (+/-) 16)$ becomes $\lambda^{16} . e^{i2\pi}$ or modulus $[\lambda^{16}] \times [1 \text{ complete [acw] revolution}]$.

The -ve integers contribute simultaneously one suspects? a clockwise [cw] revolution

from datum unity, to $[\lambda^{-16} . e^{i(-2\pi)}]$ These contraries are seamlessly connected at Unity or zero peg above, and resonate with +ve & -ve 'arrows of time' in Physik.

This quasi continuum locus looks like an integer quantized, or step indexed Logarithmic spiral.

Eadem mutata resurgo.

As the Lambda model is scale invariant, the Einstein continuum is preserved in principle, yet each lambda system has its own chunked De Moivre type, & displays integer based Bohr model characteristic.

Thus we can view the classic Euler identity $e^{i\pi} + 1 = 0$ in model terms as, $\lambda^8 . e^{i\pi} = -ve 1 . \lambda^8$

where 'unit' lambda applies.

The negative Unity is thus equivalent to model $[m.m - \text{dot}] = \text{mass} \times \text{energy}$ product. $[m - \text{dot}] = [dm/dt] = m/\gamma$

& $[k^8 . e^{-i\pi}]$ in clockwise sense, again for a unity lambda scenario only.

$$\text{System}[k] = \frac{1}{\lambda} \text{ or generally } \lambda^{-n} = [k^n].$$

Example $(n = 16)$ thus $[\lambda^{16} . e^{i2\pi}]$, has an equivalent in system parameters of $[m^3 . \lambda]s = \text{lambda}^{16}$

i.e. as 1 {element} highest order [16], general degree [n] of truncated string polynomial system here.

Rearranged as $e^{i2\pi} . \lambda^{16} - m^3 \lambda = 0$ has 16 complex root solutions, i.e. generic root $[\lambda . e^{i\pi/8}]$

& generally scaling via system lambda & exponent $[n = +/- \{0,1,2,3...\}]$ applies all pegs of the wheel above.

This physical* model $[\lambda s \neq 0]$ allows also for -ve integers as discussed, to illustrate dynamic equilibrium forces at work in a 'closed' & yet evolving* balanced Lambda system. i.e. potentially a duplex set $[16 \times 2]$ of contemporaneously acting +ve & -ve integer cycles, counter phase & respectively $[\lambda^n \text{ \& } k^n]$ defines the model

λ - scheme in Nature.

